



IT - 332 INTEGRATIVE
PROGRAMMING AND
TECHNOLOGIES

KALATAS

DOCUMENT
MANAGEMENT
SYSTEM WITH
REQUEST AND
TRACKING



SUBMITTED TO:
NIÑA AGUILA

SUBMITTED BY:
BARTE, ARVIE ISAIAH F.
PEREZ, CARLOS MIGUEL
ONGKIKO, NIKKO

KALATAS: DOCUMENT MANAGEMENT SYSTEM WITH REQUEST AND TRACKING FOR STO. NIÑO FORMATION AND SCIENCE SCHOOL

PROJECT DESCRIPTION

The Internet and modern technologies present a wide range of opportunities to strengthen and enhance the learning environment. Technology has offered more opportunities for innovation and is being widely utilized to make complex tasks much easier. It has completely changed how we engage with one another, on how we learn new things, and access information. When it comes to education it makes learning more flexible and accessible, allowing more students to access different kinds of information in a more efficient way of learning. The Sto. Niño Formation and Science School is now dealing with a manual process in requesting documents. There are problems encountered such as lack of procedural clarity, many document requirements, verification authentication for a third party proxy, and lastly language obstacle knowing that the school is implementing an english speaking campaign. In order to address those challenges, the researchers will create and implement a document management system that will allow the office personnel to classify records, search for retrieve records, and manage document requests. Moreover, the platform will also allow students to request for documents, and monitor the status of requests. In addition, the system will help the Sto. Niño Formation and Science School in preventing the spread of false information by the use of sending announcements. The system that will be accessible and available to the students of Sto. Niño Formation and Science School.

DEVELOPMENT MODEL



The team used the Agile methodology for the development of the application which includes Planning, Designing, Developing, Testing and lastly Evaluation.

KALATAS DEVELOPMENT MODEL

PLANNING

In this phase, the team defines the project goal, which is to develop document management system with request and tracking for SNFSS. The application will provide the students or the users the easiest way to request a specific form or documents from the registrar.

DESIGNING

In this phase, the team determines first what the tools that will be needed to build the application. The team will provide a well-designed application enhances the user experience by making it intuitive, easy navigate, and visually appealing.

DEVELOPING

The team start creating code during this phase. In this phase involves implementing the design and building the functional components of the system. The development process is very important to meet the satisfaction of the end users. The team will develop and maintain the collaborative and iterative approach, so the team can successfully implement the system and prepare it for deployment phase.

TESTING

At one point once the coding is complete, Testing the system helps the team to compare the actual and expected results in order to help the team to improve the quality of the system. Furthermore, the testing phase checks if the requirements has been achieved and the application is running smoothly as well as bug free.

KALATAS DEVELOPMENT MODEL

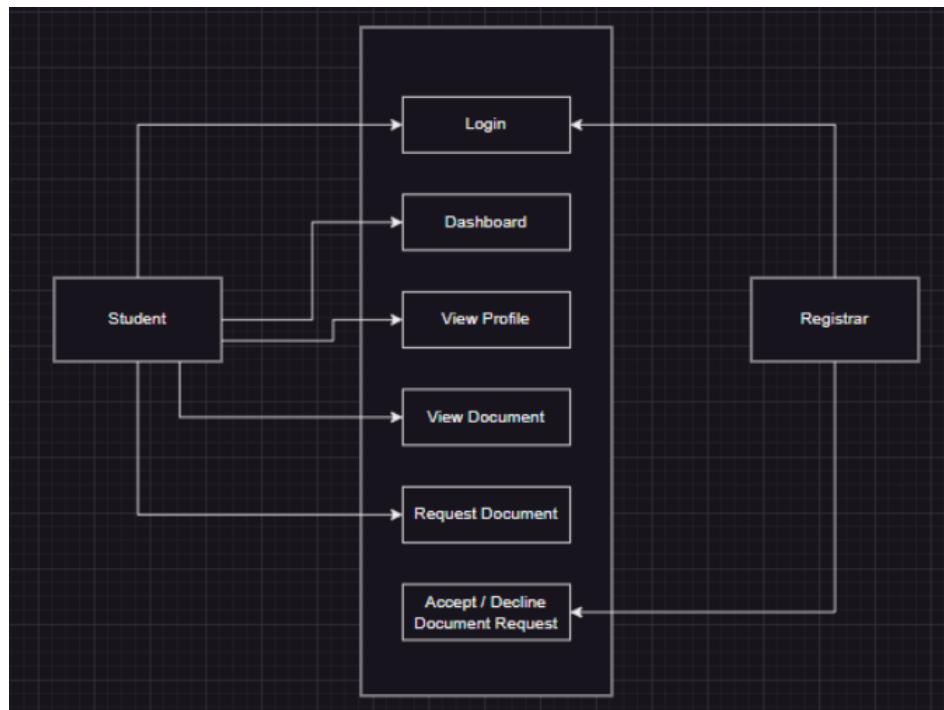
RELEASING

At this point involves deploying the application to the environment, making the application accessible to every end users. It represents the development process and ensures that the application is available for use and start delivering value to the intended users.

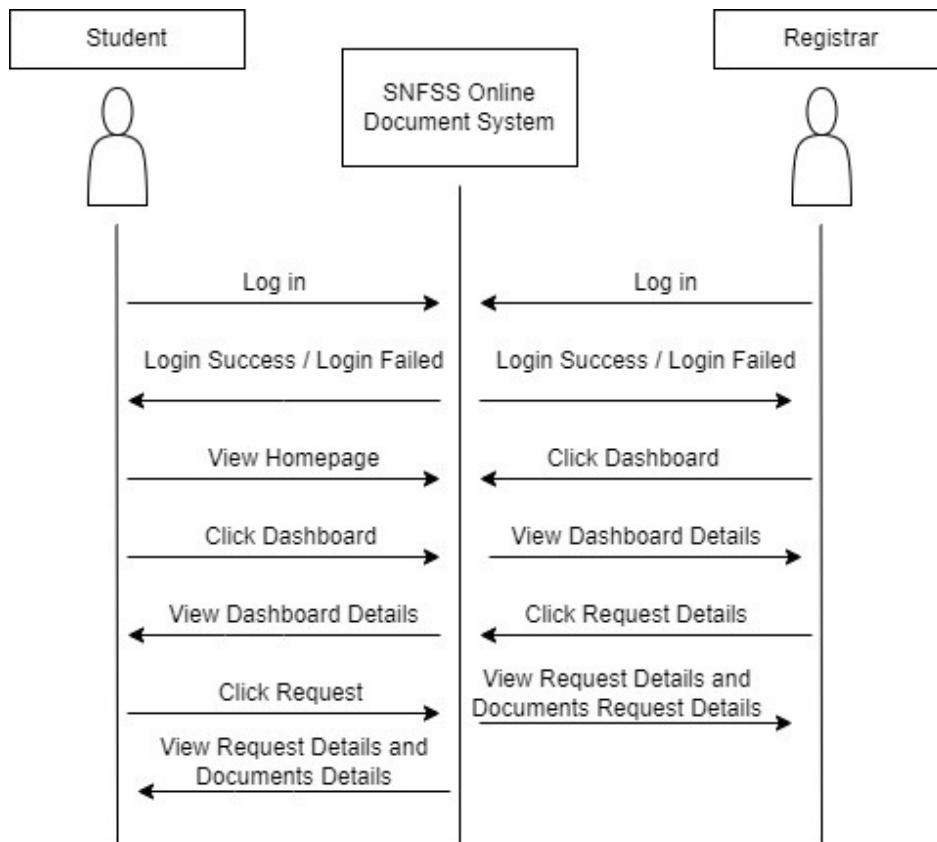
FEEDBACK / EVALUATION

In the feedback phase comes after when the application was released, In this phase the team receives feedbacks from the end users based on their experiences. At this point the team considers every feedback to identify the areas that needs improvements.

KALATAS DASHBOARD SYSTEM ARCHITECTURE

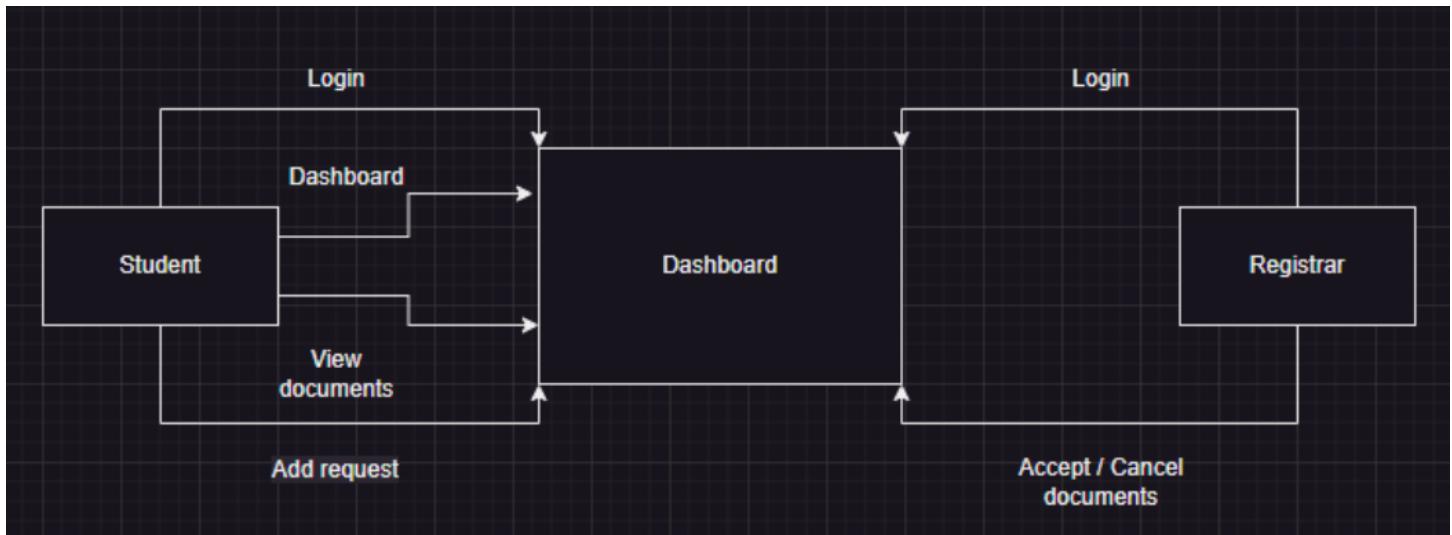


Use case diagram

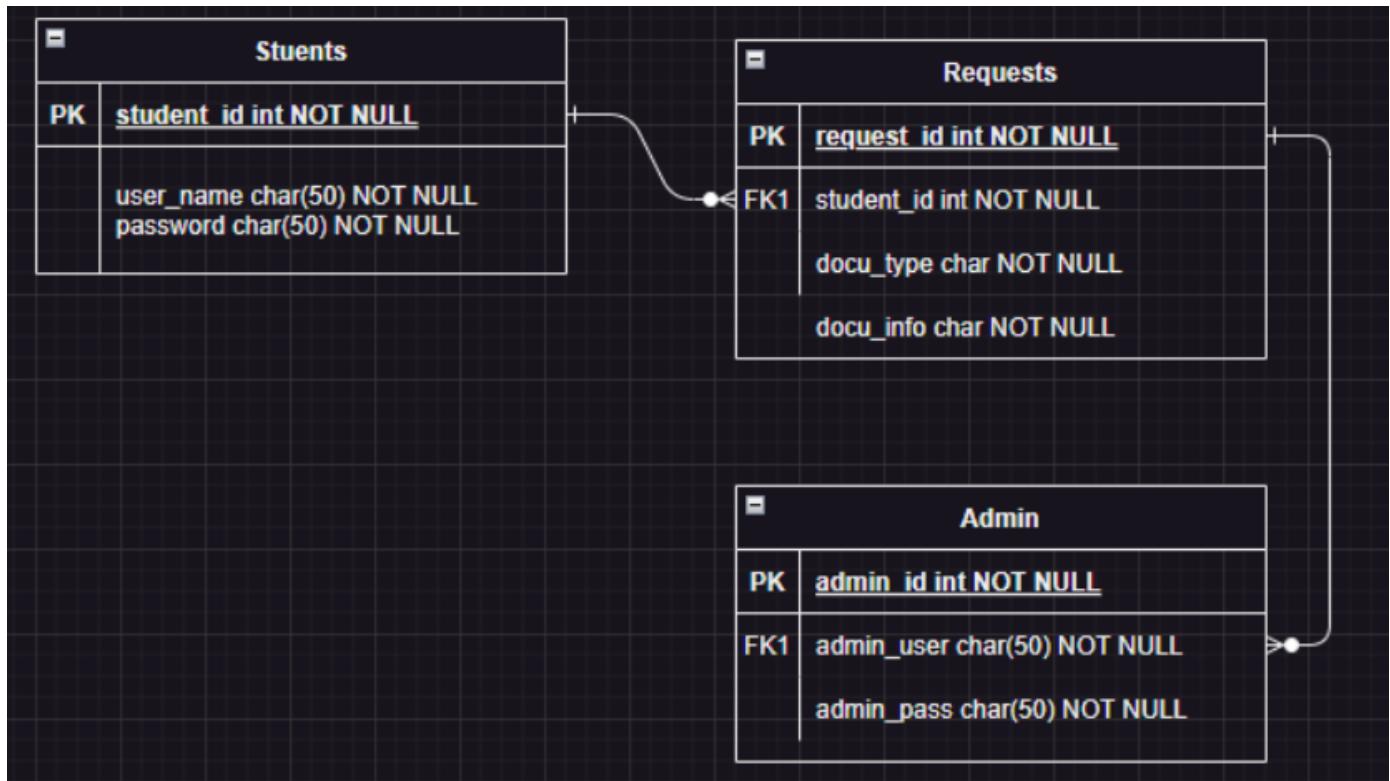


Sequence diagram

KALATAS DASHBOARD SYSTEM ARCHITECTURE

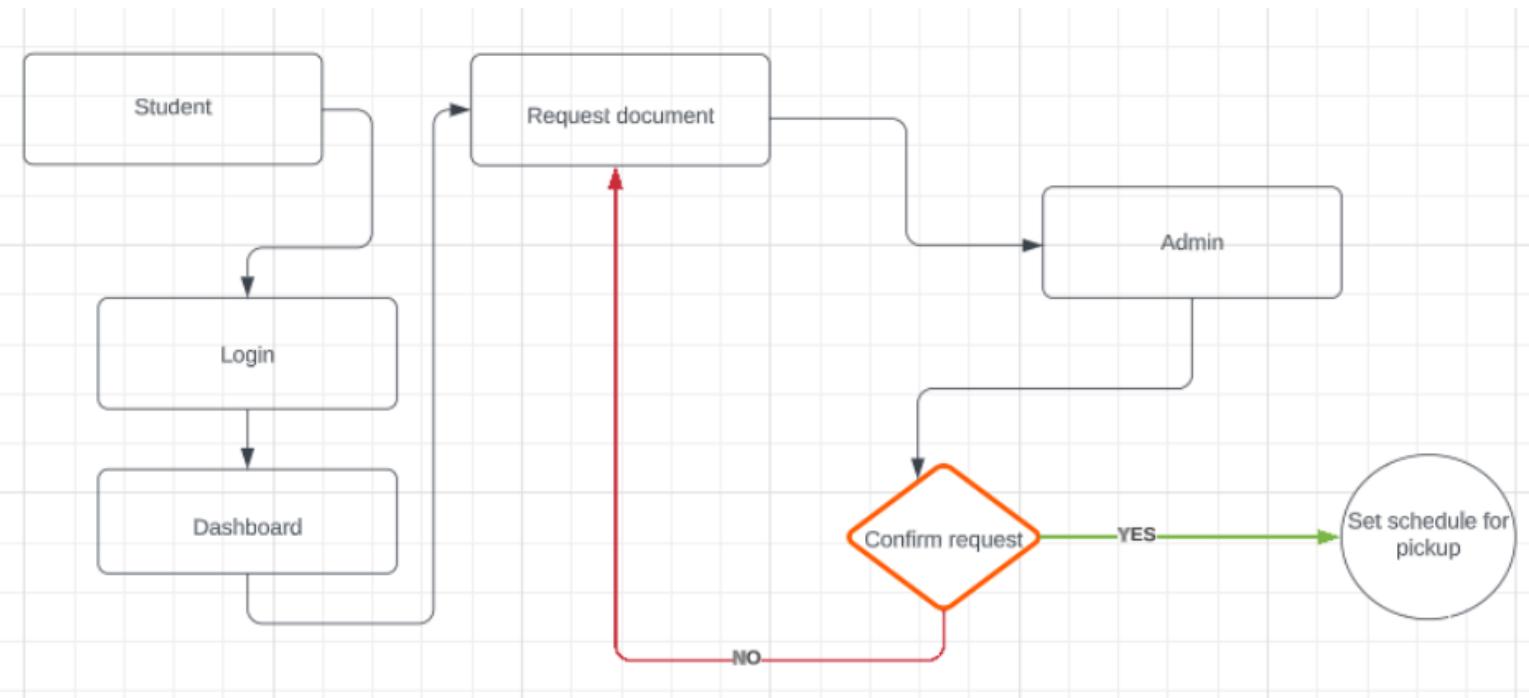


Context diagram



Data base design

KALATAS DASHBOARD SYSTEM ARCHITECTURE



Data flow diagram

The team shows the sample diagrams above to show everyone especially the end users on how to properly interact with the system. It illustrates the main dashboard on how to manage request on the system based on our module.



BARTE, ARVIE ISAIAH F.

EDUCATION

PRIMARY SCHOOL

Sto. Nino Formation and Science School

San Roque, Rosario, Batangas

2012 - 2013

SECONDARY SCHOOL

Sto. Nino Formation and Science School

San Roque, Rosario, Batangas

2018 - 2019

TERTIARY SCHOOL

Batangas State University

Alangilan, Batangas

2022 - 2023

ACHIVEMENTS AND SCHOLARSHIPS

- Congresswoman Lianda Bolilia's Scholar since 2021
- Mayor Edralyn Joy Salvame's Scholar since 2021
- Best thesis in 4th year Highschool at Sto. Nino Formation and Science School
- Wilth Honor in Elementary Grade

CHARACTER REFERENCE

Mrs. Eva Aguda

Professor in Sto. Nino Formation and Science School
agudaeva@gmail.com

Ms. Ena Marie Maldo

Science Professor at Sto. Nino Formation and Science School
mariemaldo@gmail.com

Belen E. Lajara

Registrar heat at Sto. Nino Formation and Science School
(043) 321-76-37

Personal Profile

Information Technology student with over one and a half year of studying specializing terminologies for my future international logistics companies. I can implement effective information technology strategies at local and global levels. My greatest strength are problem solving skills as well as critical thinking skills and passion for technology.

SKILLS

- Communication Skills
- Database Management
- Web Development
- Presentation and Proposals
- Research & Strategy
- HTML & CSS user
- Java, Python, Javascript, user

CONTACT INFORMATION



09273355326



isaiahbarte@gmail.com



San Agustin, Ibaan, Batangas



ONGKIKO, NIKKO E.

Personal Profile

I am the lead project of our team and also a coder. I can grind coding during night time

SKILLS

- Database Management
- Web Development
- Presentation and Proposals
- Programmer
- Java, Python, JavaScript, etc.
- Can work under pressure

EDUCATION

PRIMARY SCHOOL

Malagonlong Elementary School

2012 - 2013

SECONDARY SCHOOL

Lipa City National High School

2018 - 2019

TERTIARY SCHOOL

Batangas State University

Alangilan, Batangas

2022 - 2023

ACHIVEMENTS AND SCHOLARSHIPS

- With Honor in Elementary Grade
- Top 8 in E-LYMPICS (Mobile Legends: Bang Bang)

CONTACT INFORMATION



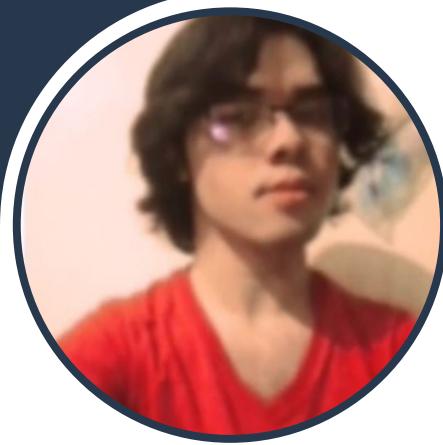
09653922758



nikkoongkiko1401@gmail.com



Malagonlong, Lipa City, Batangas



PEREZ, CARLOS MIGUEL A.

Personal Profile

A student undertaking a program in Bachelor of Science in Information Technology. Specializes in database and visual design. I am proficient at using logic in development as well as perform multiple tasks at the same time. My passion and strengths lie within conceptualizing design and technological developments.

SKILLS

- Proficient in communication
- Effective in team endeavors
- Database management and development
- Graphic Design
- HTML & CSS developer
- Java and Python developer

EDUCATION

PRIMARY SCHOOL

St. Bridget College Batangas
M.H. Del Pilar St. Batangas City

2012 - 2013

SECONDARY SCHOOL

St. Bridget College Batangas
M.H. Del Pilar St. Batangas City

2018 - 2019

TERTIARY SCHOOL

Batangas State University
Alangilan, Batangas

2022 - 2023

ACHIVEMENTS AND SCHOLARSHIPS

- Batangas State University Dean's Lister
- Completed a Microsoft certification
- ESC Grantee
- Creator of University of Batangas, Recreation and Arts logo
- Completed work immersion at Cretec. Batangas City

CONTACT INFORMATION



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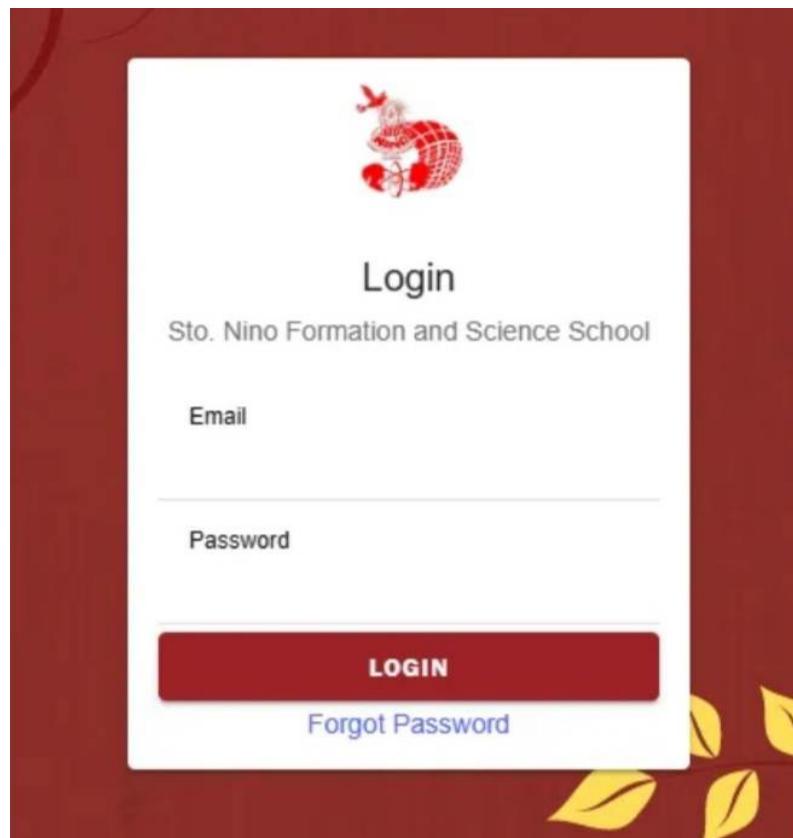
**FPIC Housing Compound,
Calicanto, Batangas City**

KALATAS GITLAB REPOSITORY

The screenshot shows a GitLab repository page with the following details:

- Repository Name:** Kalatas-Document-Management-System-with-Reequest-and-Tracking
- Branch:** main
- Commits:** 6 commits by TheArvs (2 days ago)
- Activity:** 1 watch, 0 forks, 0 stars
- Code:** Go to file, Add file, Code button
- File List:** .vscode, src, .browserslistrc, .editorconfig, .eslintrc.json, .gitignore, README.md, angular.json, capacitor.config.ts, ionic.config.json, karma.conf.js, package-lock.json, package.json, tsconfig.app.json, tsconfig.json, tsconfig.spec.json
- About:** No description, website, or topics provided.
- Readme:** Readme
- Activity:** Activity
- Statistics:** 0 stars, 1 watching, 0 forks
- Report repository:** Report repository
- Releases:** No releases published. Create a new release
- Packages:** No packages published. Publish your first package
- Contributors:** Karu0205, TheArvs, NikkoOngkiko

KALATAS SCREENSHOTS



FORWARD TO FUTURES

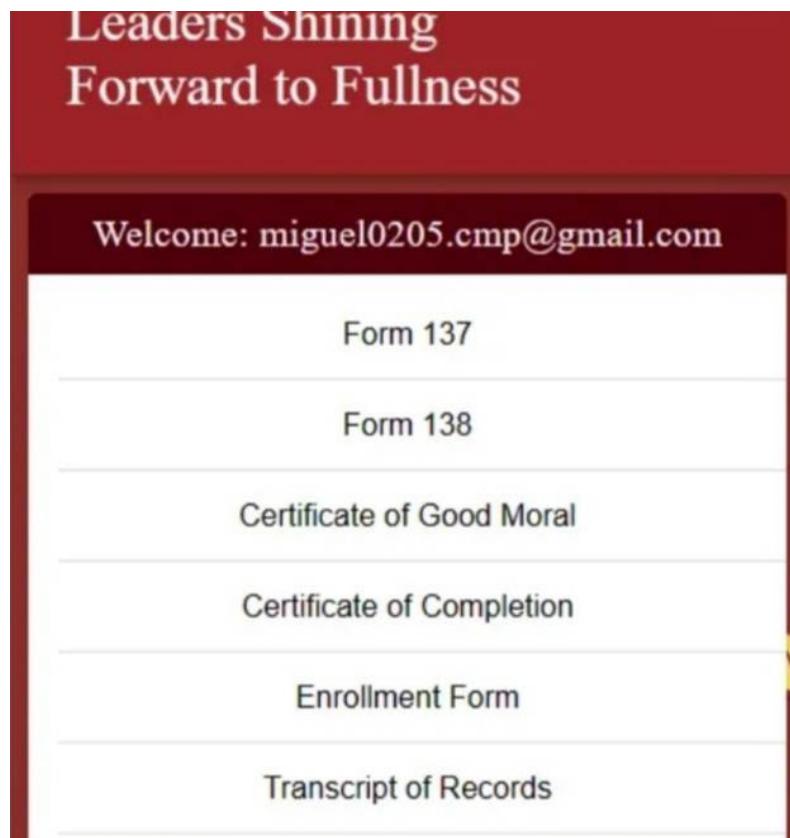
miguel0205.cmp@gmail.com

Search

Carlos Miguel A...	Form 137	Accepted
Nikko Ongkiko	Certificate of G...	Accepted
Alwin Seth Lagyo	Form 138	Accepted

Profile Documents Log Out

KALATAS SCREENSHOTS



Student Name	Document Type	Status
<input type="text"/> Search		
Carlos Miguel A...	Form 137	Accepted
Nikko Ongkiko	Certificate of G...	Accepted
Alwin Seth Lagyo	Form 138	Accepted
Arvie Isaiah Barte	Certificate of C...	Accepted

References:

<https://economictimes.indiatimes.com/wealth/tax/all-the-documents-you-must-collect-at-the-end-of-financial-year/articleshow/68227884.cms>